

## Abstract

An unauthorized apparatus detection device, playback device, unauthorized apparatus detection system, information collection device, unauthorized apparatus detection method, a program, recording  
5 medium, apparatus information update method, and integrated circuit can detect clones of a playback device. In a management server 2, a reception processing unit 241 acquires a user terminal identifier and a first random number from a user terminal targeted for unauthorized apparatus detection, judges whether a second management server random  
10 number, which is stored in a storage unit 23 in correspondence with the user terminal identifier, matches the first user terminal random number. If the two fail to match, a display unit 22 displays a message indicating that a clone exists. If the two match, a terminal information generation unit 243 generates a new random number, and writes the  
15 generated random number as the second random number in the storage unit 23. A transmission processing unit 246 transmits the generated random number to the user terminal via a transmission/reception unit 246 and the user terminal updates the first user terminal random number to the generated random number.